

E.A.N.H.S. NEST RECORD SCHEME: 1979

Hazel A. Britton

As in previous years, most data received for 1979 refer to Kenya, though there has been an improved response from a small number of ornithologists resident in Tanzania. There are no contributions from Uganda.

Egg set data cards in the collection of the Western Foundation of Vertebrate Zoology, California, referred to in my last report (*Scopus* 2: 126), have now been analysed by species, but I have not after all included them here. A combined report prepared in MS form proved to be too cumbersome. Details of these eggs will appear instead as a separate paper in *Scopus* [4: 79-83].

The format here is the same as in earlier reports. Details given are minimal, and no attempt has been made to provide clutch-size, nest-site or success-rate data. Months given refer to actual egg-laying or to computed egg-laying dates from dependent young in or out of the nest. In situations where it has been impossible to reliably compute months of egg-laying, dates are given more fully along with the observations themselves. Various unpublished data from earlier years are included here, distinguished by including the year of the observation, while Tanzanian localities other than Dar es Salaam and Arusha are distinguished by using T in parentheses.

This report has been compiled from records provided by the following contributors, from cards received before 20 June 1980: H. Aden, P.M. Allen, M.T. Bamford, S.R. Bamlett, J.S.S. Beesley, D. Brass, H.A. & P.L. Britton, B.E., C.H. & L.H. Brown, F.N. Bruce-Miller, I. Bryceson, L. & T. Campbell, R.P. Chapman-Purchas, M.A.C. Coverdale, G.G. Cunningham-van Someren, P. Davey, M. Heath, M. Hemphill, D.M. Hodges, J.F.M. Horne, K.M. Howell, J.R. Hudson, G.C. & D. Irvine, M. Jackson, I. Johnson, A.D. Lewis, Y. Malcolm-Coe, J. Malloy, I. Marshall, T.C.H. Mathews, B.S. Meadows, N.H. Moore, R.D. Moore, D. Moyer, C. Muringo, F. Ng'weno, C.E. Norris, I.M. O'Keefe, D.J. Pearson, H. Pelchen, D.E. Pomeroy, J.F. Reynolds, D.K. Richards, K.W. Richmond, E.H. Risley, A. & J. Root, J.A. Rudnai, S. Sassoon, D. Schmidl, L.T. Schwab, P.A. Scott, D.M. Sheppard, L.L. Short, R. Stjernstedt, N.J. Skinner, C. Smeenk, S. & S. Stagg, D.A. Turner, R.F. Tyers, M. Vickery, A.E. Visagie, T. White, P.A. Wootton, T. Young.

Struthio camelus Ostrich: *massaicus*: Nairobi NP Sep (2). Amboseli NP 30 Jan (10 large chicks still in down); *somalicus*: Tsavo East NP 27 Jan (27 young over $\frac{1}{2}$ grown).

Podiceps cristatus Great Crested Grebe: Lake Nakuru NP Mar, Apr (4), May (7); Lake Solai Apr (4).

Tachybaptus ruficollis Little Grebe: near Mombasa Apr, Jun. Nairobi Mar. Lake Naivasha Jun. Lake Solai Jly. Near Arusha Nov. Lake Nakuru NP 3 Aug 1978 (incubating and feeding fully grown young).

Pelecanus onocrotalus White Pelican: near Dodoma (T) remains of a colony, eggs probably laid Mar - Jun.

Pelecanus rufescens Pink-backed Pelican: Lake Manyara NP (T) large young in nests Jun.

Phalacrocorax africanus Long-tailed Cormorant: Lake Naivasha Nov - Dec (30 pairs).

Phalacrocorax carbo Greater Cormorant: Lake Naivasha Oct (about 75 nests), Nov (20 nests). Lake Nakuru NP active colony 25-30 nests Sep; also Aug - Oct 1976.

Scopus 3: 121-131

- Anhinga rufa* Darter: Lake Naivasha Nov (10 nests).
- Ardea goliath* Goliath Heron: Lake Naivasha Jan. Lake Baringo Jun; also 23 Aug 1978 (two nests with nestlings and fully grown young not yet flying).
- Ardea melanocephala* Black-headed Heron: Tsavo East NP Nov - Dec (46+), Mar - Apr (13+). Hunter's Lodge, Kiboko 21 Jan (5 occupied nests). Near Arusha Mar - Nov (occupied colony, about 140 nests).
- Ardeola ralloides* Squacco Heron: Lake Solai 8 Jly (about 70 nests with eggs and young).
- Bubulcus ibis* Cattle Egret: Tsavo East NP Dec - Jan (10 nests).
- Butorides striatus* Green-backed Heron: near Ruiru Nov, Dec.
- Egretta garzetta* Little Egret: Lake Turkana Apr (7).
- Egretta intermedia* Yellow-billed Egret: Lake Solai 4 nests with eggs 8 Jly.
- Anastomus lamelligerus* Open-billed Stork: Tsavo East NP Nov.
- Ephippiorhynchus senegalensis* Saddle-billed Stork: near Shinyanga (T) 3 May (eggs).
- Leptoptilos crumeniferus* Marabou: Kibwezi 11 Aug (52 nests, some with small young). Kiboko 11 Aug (27 nests, some with small young).
- Bostrychia hagedash* Hadada: Lake Naivasha Nov. Nandi Hills Apr.
- Platalea alba* African Spoonbill: Lake Turkana Apr (10).
- Phoeniconais minor* Lesser Flamingo: Lake Natron (T) 9-12 Oct 1977 (enormous numbers of downy young estimated to have been from eggs laid Aug - Sep).
- Dendrocygna viduata* White-faced Whistling Duck: Malindi Jly. Busia Jun.
- Alopochen aegyptiacus* Egyptian Goose: Tsavo East NP Dec. Amboseli NP Nov - Dec (3). Nairobi NP/Athi River area Jun, Nov. Mara GR Dec. Aberdare NP Apr. Lake Nakuru NP Jan - Mar (4); also Jun (2), Jly, Nov 1976 and Feb, Apr, Oct 1977. Lake Bogoria Mar, May (2). Lake Turkana Apr. Samburu GR Sep.
- Anas capensis* Cape Wigeon: Lake Magadi 5 Aug (eggs).
- Anas erythrorhynchos* Red-billed Duck: Lake Naivasha Jly (2). Smart's Swamp (?), Jun (2), Jly. Thika young from eggs probably laid Dec 1978, Jun, Jly (2).
- Anas undulata* Yellow-billed Duck: Ruiru Dec 1978. Aberdare NP Jun. Smart's Swamp Dec 1978, Jun (2), Jly.
- Oxyura maccoa* Maccoa Duck: Arusha NP Nov. Smart's Swamp Jun.
- Plectropterus gambensis* Spur-winged Goose: Nairobi NP Jun.
- Sarkidiornis melanotos* Knob-billed Duck: near Voi young from eggs laid Dec 1978.
- Gyps africanus* African White-backed Vulture: Kibwezi 11 Aug ($\frac{1}{2}$ grown young in nest), 19 Sep (two nests, one with young $\frac{1}{2}$ grown and the other with nearly fledged juvenile). Meru NP Jan. Nairobi NP two nests with young from eggs laid Jan/Feb. Mara GR incubating 14 Jun.
- Gyps rueppellii* Rüppell's Vulture: Njorowa Gorge (Naivasha) incubating 4 Feb.
- Neophron percnopterus* Egyptian Vulture: Njorowa Gorge nests with sitting birds 4 Feb, 2 Mar (2).
- Gypaetus barbatus* Lammergeyer: Njorowa Gorge apparently incubating 15 Jly and 20 Aug.

- Terathopius ecaudatus* Bateleur: Tsavo East NP male at nest with full-grown chick 27 Oct. Lake Nakuru NP Mar 1977.
- Accipiter melanoleucus* Great Sparrowhawk: Shanzu Jly, Oct. Diani Forest Sep. Shimba Hills Aug. Near Nairobi Jan.
- Accipiter minullus* Little Sparrowhawk: north of Loiyengalani 20 Apr (3 young in nest).
- Accipiter tachiro* African Goshawk: near Nairobi adults feeding fledgling out of nest 28 Jan.
- Aquila rapax* Tawny Eagle: Amboseli NP 26 Sep (two white downy young). Machakos District May (2). Baringo District 29 Apr (apparently incubating). Nairobi NP young two-thirds grown 22 Jly 1978. Lake Nakuru NP feeding young in nest 18 Jly 1977.
- Aquila verreauxi* Verreaux's Eagle: Njorowa Gorge birds sitting on nests 2 Jun and 20 Aug. Lake Nakuru NP incubating 29 Aug 1977 (young seen on 12 Nov).
- Aquila wahlbergi* Wahlberg's Eagle: Tsavo East NP Sep - Oct (3); also apparently incubating Jly 1978. Tsavo West NP Sep. Tatanda (SW Tanzania) Sep.
- Buteo augur* Augur Buzzard: Lake Naivasha Mar. Njorowa Gorge Apr. Lake Nakuru NP adult on eggs 20 Sep 1976.
- Hieraaetus dubius* Ayres' Hawk Eagle: Kakamega Forest apparently large young in nest 18 Jan. Embu District Jly.
- Lophaelagus occipitalis* Long-crested Eagle: Embu District occupied nest (young) 2 Sep. Lake Nakuru NP incubating Nov 1976.
- Polemaetus bellicosus* Martial Eagle: Tsavo East NP young from egg laid probably early Jly. Embu District Apr.
- Stephanoaetus coronatus* Crowned Eagle: Mt Meru (T) 6 Feb young from egg laid Sep 1978. Near Kibwezi incubating in Jun. Nyeri/Kiganjo area apparently incubating 18 Oct and full-grown chick on nest 6 Nov.
- Haliaeetus vocifer* Fish Eagle: Lake Naivasha Oct, Nov (2). Lake Baringo apparently incubating 14 Apr; also incubating Sep 1978. Near Mbeya (T) 25 Apr (eggs).
- Milvus migrans* Black Kite: Kiambu Jan, Sep.
- Chelictinia riocourii* Swallow-tailed Kite: Lake Turkana 14 Apr (3 nests, one egg and very small young).
- Falco biarmicus* Lanner Falcon: Njorowa Gorge birds at nests 2 Jun and 20 Aug. Lake Nakuru NP breeding in cave on cliffs 28 Sep 1977.
- Falco cuvieri* African Hobby: Naivasha (Crater Lake) fledged young just capable of very weak flight 25 Nov.
- Falco rupicoloides* White-eyed Kestrel: Narok Road (near satellite tracking station) female at nest 23 Jun.
- Falco tinnunculus* Kestrel: Arusha NP feeding young in hole 21 Oct.
- Polihierax semitorquatus* Pygmy Falcon: Kibwezi occupied nest 17 Aug.
- Coturnix delegorguei* Harlequin Quail: Tsavo East NP Dec (5), Jan (2).
- Francolinus coqui* Coqui Francolin: Sokoke Forest Apr. Lake Nakuru NP May, Jly - Aug (3) 1977.
- Francolinus hildebrandtii* Hildebrandt's Francolin: Lake Nakuru NP Nov, Dec 1976, Jly 1977.

- Fringilla jacksoni* Jackson's Francolin: Aberdare NP young from eggs laid Nov; also Nov - Dec 1978 (3).
- Fringilla sephaena* Crested Francolin: Tsavo East NP Dec - Jan (2). Samburu GR young from eggs probably laid late Dec 1978 (5).
- Acryllium vulturinum* Vulturine Guinea-fowl: Samburu GR young one third grown 12 Feb.
- Guttera pucherani* Kenya Crested Guinea-fowl: Sokoike Forest young one third grown 20 Apr.
- Numida meleagris* Helmeted Guinea-fowl: Lake Nakuru NP seven records of dependent young from eggs laid Apr - Aug 1977.
- Turnix sylvatica* Button Quail: Tsavo East NP Jan.
- Balearica pavonina* Crowned Crane: Amboseli NP small young in down 28 Jan. Lake Nakuru NP pair with chick about 3 d old 6 Sep 1976.
- Gallinula chloropus* Moorhen: Lake Naivasha Dec 1978, Apr, May. Aberdare NP Jun.
- Limnocolaptes flavirostris* Black Crake: Amboseli NP young from eggs laid probably early Nov. Lake Nakuru NP two thirds grown young 24 Jly 1977. Lake Naivasha Apr.
- Porphyrio porphyrio* Purple Gallinule: Lake Naivasha young from eggs laid Nov 1978. Lake Nakuru NP building in Jan.
- Rallus caerulescens* African Water Rail: Lake Naivasha 8 Jly (two young with adults).
- Fulica cristata* Red-knobbed Coot: Aberdare NP young from egg probably laid early Jun.
- Actophilornis africanus* Jacana: Lake Naivasha pair with $\frac{1}{2}$ grown young 24 Jly and a pair with young 26 Jly. Amboseli NP pair with young 6 May. Lake Jipe May. Near Mombasa late Jun or early Jly.
- Charadrius pallidus* Chestnut-banded Sandplover: Lake Magadi Jun - Jly (4). Near Dodoma (T) Aug - Sep (eggs and several juveniles seen).
- Charadrius pecuarius* Kittlitz's Sandplover: Lake Magadi Jun. Northwest of Dodoma (T) Jly. Lake Nakuru NP Jly 1976 (2).
- Charadrius tricollaris* Three-banded Plover: Lake Magadi Jun (2), Jly.
- Vanellus armatus* Blacksmith Plover: Amboseli NP Jly, Aug (2). Lake Magadi May, Jun. Lake Nakuru NP Jun; also Jly 1976, May, Jun (2), Jly 1977 and Jun 1978.
- Vanellus coronatus* Crowned Plover: Lake Turkana Apr. Mara GR young from egg laid late Nov 1978.
- Vanellus melanopterus* Black-winged Plover: Aberdare NP Mar.
- Vanellus spinosus* Spur-winged Plover: Samburu GR young from egg probably laid May. Lake Turkana Apr (4). Amboseli NP Jan 1978. Lower Tana River Jan, Aug 1978.
- Cursorius temminckii* Temminck's Courser: Mara GR young from eggs Nov 1978.
- Rhinoptilus africanus* Two-banded Courser: Serengeti NP (T) May 1971.
- Glareola pratincola* Common Pratincole: Lake Magadi Jun; also Mar 1977 (2). Northwest of Dodoma (T) Jly.
- Larus cirrocephalus* Grey-headed Gull: Lake Turkana Apr (colony of several thousand pairs).

- Chlidonias hybridus* Whiskered Tern: near Dodoma (T) feeding begging young Aug.
- Rhynchops flavirostris* African Skimmer: Rufiji River in the Selous GR (T) Aug. Lake Turkana 22 Apr (8 nests).
- Pterocles decoratus* Black-faced Sandgrouse: Lake Magadi May.
- Pterocles exustus* Chestnut-bellied Sandgrouse: near Lake Magadi Aug.
- Columba guinea* Speckled Pigeon: Lake Naivasha Mar, Oct. Lake Turkana Apr (2).
- Streptopelia capicola* Ring-necked Dove: Nandi Hills Jan. Lake Nakuru NP Sep 1976.
- Streptopelia semitorquata* Red-eyed Dove: Mida Creek Aug. Nairobi area Feb, Mar, Aug.
- Streptopelia senegalensis* Laughing Dove: Kibwezi May. Near Nairobi Dec, Jan, Feb. Lake Magadi May. Lake Turkana Apr. Dodoma (T) May. Lake Nakuru NP Aug 1976 and Feb 1977.
- Treron australis* Green Pigeon: Shimoni Oct. Kiambu Sep. Near Arusha Dec.
- Turtur chalcospilos* Emerald-spotted Wood Dove: Kerio Valley Apr. Kora (Tana River) Mar.
- Agapornis personata* Yellow-collared Lovebird: near Mombasa 28 Jun (two occupied nests).
- Corythaixoides leucogaster* White-bellied Go-away Bird: Kora Jan.
- Chrysococcyx caprius* Didric Cuckoo: Nairobi fledged young being fed by *Ploceus baglafaecht* 26 Mar. Lake Nakuru NP fledged young being fed by *P. baglafaecht* 18 Sep 1976.
- Chrysococcyx cupreus* Emerald Cuckoo: Nairobi fledged young being fed by *Ploceus baglafaecht* 11 Feb.
- Chrysococcyx klaas* Klaas' Cuckoo: Nairobi fledged young being fed by *Pycnonotus barbatus* 14 Apr, fledged young being fed by *Nectarinia kilimensis* 21 Nov. Lake Nakuru NP fledged young being fed by *Nectarinia venusta* 4 Aug 1977. Uluguru Mts (T) young from egg laid Sep 1952 in nest of *Platysteira peltata*.
- Cuculus solitarius* Red-chested Cuckoo: Kiambu Apr (host *Cossypha caffra*). Nairobi fledged young being fed by *Melaenorhynchus chokolatina* on 21 Apr.
- Bubo africanus* Spotted Eagle Owl: Dar es Salaam Sep 1978, site used again in 1979 (no details).
- Bubo lacteus* Verreaux's Eagle Owl: Meru NP 5 Jan (fledged young with adults, head still downy). Near Arusha 3 Nov (fledged young being fed by adults). Lake Nakuru NP incubating 24 Nov 1976.
- Caprimulgus clarus* Slender-tailed Nightjar: near Mombasa Mar (2).
- Caprimulgus fraenatus* Dusky Nightjar: Arusha NP Nov.
- Caprimulgus poliocephalus* Montane Nightjar: near Nairobi Sep (3), Nov.
- Apus affinis* Little Swift: Tsavo East NP (Voi Gate) and Taita Hills Lodge 1 Jly (young being fed in nests). Dar es Salaam Jun and Oct - Nov.
- Apus caffer* White-rumped Swift: Mara GR (Keekerok Lodge) apparently feeding young in nest 25 May.
- Apus horus* Horus Swift: Njorowa Gorge 20 Jun apparently feeding young. Lake Nakuru NP active colony Jul - Oct 1976 and Apr - May and Oct 1977 (feeding young in May).

- Apus niansae* Nyanza Swift: Nakuru active colony, some nests with young Jun.
- Cypsiurus parvus* Palm Swift: south Kenya coast young from eggs probably laid Sep.
- Colius striatus* Speckled Mousebird: Nairobi area late Feb, Sep (4). Kerio Valley Apr. Dodoma (T) May.
- Urocolius macrourus* Blue-naped Mousebird: Lake Baringo Apr.
- Alcedo cristata* Malachite Kingfisher: Nairobi NP young from egg laid Oct/Nov. Lake Nakuru NP Sep 1976.
- Halcyon albiventris* Brown-hooded Kingfisher: Dar es Salaam, young left nest hole 13 Dec.
- Halcyon chelicuti* Striped Kingfisher: Mara GR area occupied holes 11 Apr and 25 May (probably feeding young). Lake Nakuru NP Jly, Aug, Oct 1976 and feeding young of *Indicator indicator* in holes, end Oct, mid 1976 and 20 Oct 1977.
- Halcyon leucocephala* Chestnut-bellied Kingfisher: Lake Nakuru NP pair feeding nearly fledged young 23 Apr 1977.
- Merops bullockoides* White-fronted Bee-eater: Kerio River active colony, feeding young and digging holes on 14 Apr. Arusha NP colonies extending along Ngare Nanyuki River feeding young 21 Oct. Lake Nakuru NP at least 6 pairs feeding young 12 Dec 1976.
- Merops oreobates* Cinnamon-breasted Bee-eater: Nairobi feeding young 25 Apr. Mara GR feeding fledged young 4 Jan. Arusha NP feeding young 10 Dec.
- Coracias caudata* Lilac-breasted Roller: Kibwezi feeding young in hole 10-30 May. Lake Nakuru NP feeding fledged young 15 Jan. South Kenya coast feeding fledged young 7 Aug 1978.
- Eurystomus glaucurus* Broad-billed Roller: Kibwezi feeding young in hole 5 Dec. Shimoni feeding just-fledged young 30 Dec. Near Arusha feeding young 10 Nov.
- Phoeniculus bollei* White-headed Wood Hoopoe: Lake Nakuru NP feeding young in hole 13 May.
- Phoeniculus granti* Violet Wood Hoopoe: Kibwezi apparently incubating 16 Jun.
- Phoeniculus purpureus* Green Wood Hoopoe: Kibwezi feeding fledged young on 23 May and young in hole 29 May. Lake Nakuru NP adults feeding fledged young 8 Aug, 20 Oct and 12 Nov 1977.
- Upupa epops* Hoopoe: Amboseli NP 25 Sep occupied hole, probably incubating. Lake Nakuru NP Sep, Dec 1976, Feb (2), Aug, Nov 1977 and incubating egg of *Indicator indicator* Mar 1977.
- Tockus alboterminatus* Crowned Hornbill: Diani Forest feeding young in hole 2-23 Oct (same hole used in 1978).
- Tockus deckeni* Von der Decken's Hornbill: Kibwezi feeding fledged young 13 May.
- Tockus erythrorhynchus* Red-billed Hornbill: Samburu GR apparently incubating 13 Feb.
- Tockus nasutus* Grey Hornbill: Lake Nakuru NP young two thirds grown 16 May 1977.
- Bucorvus cafer* Ground Hornbill: Lake Nakuru NP building 18 Jly, fledged young seen 12 Nov 1977.
- Buccanodon duchaillui* Yellow-spotted Barbet: Kakamega Forest feeding young in hole 29 Jan.

- Lybius diadematus* Red-fronted Barbet: Lake Nakuru NP feeding young in holes 25 Jly 1976, 17 Mar, 19 Mar and 23 Aug 1977.
- Lybius leucocephalus* White-headed Barbet: Kiambu Oct.
- Lybius leucotis* White-eared Barbet: near Arusha feeding young in nest holes 30 Sep, 12 Oct, 28 Oct and 2 Dec.
- Lybius melanocephalus* Black-throated Barbet: Magadi feeding small young 24 Mar.
- Trachyphonus erythrocephalus* Red and Yellow Barbet: Kerio Valley feeding young in hole 8 Apr. Lake Magadi small young in hole 1 Jun. Ngulia feeding young in hole 12 Sep 1972.
- Indicator indicator* Black-throated Honeyguide: Lake Nakuru NP *Halcyon chelicuti* feeding young in holes end of Oct and mid Nov 1976 and 5 d old young 20 Oct 1977; *Upupa epops* incubating 21 Mar 1977; *Myrmecocichla aethiops* feeding nearly fledged young in hole 25 May 1977.
- Jynx ruficollis* Red-throated Wryneck: Kiambu Dec.
- Dendropicos fuscescens* Cardinal Woodpecker: Lake Nakuru NP Oct 1976.
- Mesopicos goertae* Grey Woodpecker: Kiambu Feb, Jun (same hole).
- Thripias namaquus* Bearded Woodpecker: Sokoke Forest incubating 3 Jly. Lake Nakuru NP feeding young in hole 11 Jan and 25 Feb 1977.
- Eremopterix leucopareia* Fischer's Sparrow Lark: Lake Magadi Apr.
- Galerida malabarica* Short-crested Lark: Lake Turkana Apr.
- Hirundo abyssinica* Striped Swallow: Utete (T) Jly (2). Near Nairobi Apr, May, Jun.
- Hirundo angolensis* Angola Swallow: Lake Nakuru NP colony of 10 pairs laid Apr, holes flooded in May and relaid in Jun 1977.
- Hirundo fuligula* African Rock Martin: near Nairobi Apr, Jun. Naivasha Sep. Lake Nakuru NP Apr 1977.
- Hirundo smithii* Wire-tailed Swallow: Samburu GR Jun.
- Psalidoprocne pristopectera* Black Rough-wing: near Nairobi Mar.
- Riparia paludicola* African Sand Martin: Lake Nakuru NP May 1977.
- Dicrurus adsimilis* Drongo: south Kenya coast Apr. Kibwezi Apr (2). Lake Nakuru NP Feb, Mar, May (2) 1977.
- Oriolus larvatus* Black-headed Oriole: Nairobi Mar.
- Corvus albicollis* White-necked Raven: Njorowa Gorge 20 Aug occupied nest, probably feeding young.
- Corvus albus* Pied Crow: Moudya Is. (north of Dar es Salaam) occupied nest 22 Sep.
- Corvus ruficollis* Brown-necked Raven: Lake Turkana Apr.
- Corvus splendens* Indian House Crow: Mombasa Sep, Nov (20+).
- Parus albiventris* White-bellied Tit: near Nairobi Jun.
- Turdoides melanops* Black-lored Babbler: Lake Naivasha May, Oct.
- Pycnonotus barbatus* Common Bulbul: Nairobi area Jan, Mar and feeding juvenile *Chrysococcyx klaas* 14 Apr. Thika Sep. Kerio Valley Mar. Dar es Salaam Nov.

- Cercomela sordida* Alpine Chat: Mt Kenya Mar and building Oct.
- Cercotrichas leucophrys* White-browed Scrub Robin: Kibwezi Apr.
- Cichladusa guttata* Spotted Morning Thrush: Lake Baringo Jun.
- Cossypha caffra* Robin Chat: Nairobi area Apr (2), Jun, Jly, Oct (2).
- Cossypha heuglini* White-browed Robin Chat: Lake Nakuru NP Apr (3) 1977.
- Cossypha semirufa* Rüppell's Robin Chat: Nairobi area Feb, Apr, Nov.
- Myrmecocichla aethiops* Anteater Chat: Lake Nakuru NP Nov; also 1977 pair feeding young in nest Apr, feeding fledged young 10 Jun and feeding nearly fledged *Indicator indicator* in hole 25 May.
- Thamnolaea cinnamomeiventris* Cliff Chat: Lake Nakuru NP nest building 30 Jan, feeding fledged young 19 Mar 1977 (different pairs).
- Turdus abyssinicus* Northern Olive Thrush: Nairobi area Feb (2), Apr (2), Aug (3), Oct, Nov.
- Apalis flavida* Yellow-breasted Apalis: Magadi Road building 1 Jan.
- Camaroptera simplex* Grey Wren Warbler: Kibwezi just-fledged young being fed by adult 22 May.
- Cisticola chiniana* Rattling Cisticola: Lake Nakuru NP Jan 1977.
- Cisticola cinereola* Ashy Cisticola: Olorgesailie Apr.
- Cisticola robusta* Stout Cisticola: Nairobi area Mar (2), Apr (3).
- Cisticola tinniens* Tinkling Cisticola: Eldoret Jly.
- Eminia lepida* Grey-capped Warbler: Nairobi area Apr, Dec.
- Eremomela icteropygialis* Yellow-bellied Eremomela: Olorgesailie Feb.
- Prinia subflava* Tawny-flanked Prinia: near Nairobi Apr. Lower Tana River young from eggs Dec 1978. Lake Nakuru NP May 1977.
- Spenceoacus mentalis* Moustached Warbler: Kiambu dependent young on 30 Dec.
- Bradornis microrhynchus* Grey Flycatcher: Athi River Feb. Lake Nakuru NP Feb 1977.
- Bradornis pallidus* Pale Flycatcher: Kajiado District Nov. Dodoma (T) Apr.
- Melaenornis chocolatina* White-eyed Slaty Flycatcher: Nairobi area Feb, Apr (2), Oct. North Nandi Forest Nov. Uluguru Mts (T) Dec. Arusha Nov. Lake Nakuru NP Mar (2) and Jun 1977.
- Melaenornis pammelaina* Southern Black Flycatcher: Samburu GR Dec 1978.
- Muscicapa adusta* Dusky Flycatcher: Nairobi Mar. Arusha NP two pairs building Dec 1978.
- Muscicapa caerulescens* Ashy Flycatcher: south Kenya coast Apr.
- Batis molitor* Chin-spot Batis: Kibwezi Nov.
- Batis soror* East Coast Batis: Sokoce Forest Jan.
- Platysteira blissetti* Jameson's Wattle-eye: North Nandi Forest Nov.
- Platysteira concreta* Yellow-bellied Wattle-eye: North Nandi Forest Nov.
- Platysteira cyanea* Wattle-eye: Busia Jun (2).
- Platysteira peltata* Black-throated Wattle-eye: Uluguru Mts (T) feeding young

- Chrysococcyx klaas* in nest from egg laid Sep 1952.
- Terpsiphone viridis* Paradise Flycatcher: Nairobi area Jan (2), Feb, Mar (2), Dec. Lake Baringo Apr. Near Arusha Nov, Dec.
- Anthus novaeseelandiae* Richard's Pipit: near Mombasa May.
- Macronyx croceus* Yellow-throated Longclaw: near Nairobi young from eggs laid probably late Dec 1978. Mara GR building Jan and Feb.
- Motacilla aguimp* African Pied Wagtail: Nairobi Oct. Samburu GR Jun. Nandi Hills feeding young out of nest 5 Aug.
- Motacilla clara* Mountain Wagtail: Usa River (T) Dec. Lake Nakuru NP Jun 1977.
- Dryoscopus cubla* Black-backed Puffback: Kibwezi Apr. Nairobi Jly; also Jly 1978.
- Laniarius ferrugineus* Tropical Boubou: Lake Nakuru NP Jun.
- Malaconotus dohertyi* Doherty's Bush Shrike: Aberdare NP dependent young with adult 10 Jly.
- Tchagra australis* Brown-headed Tchagra: Lake Nakuru NP Apr 1977.
- Lanius collaris* Fiscal: Nairobi area Jan, Mar, Apr (2), Oct; also Nov 1978. Lake Nakuru NP Jan; also Mar (2) and May 1977 and May 1978.
- Lanius excubitorius* Grey-backed Fiscal: Lake Nakuru NP feeding fledged young 10 Jun 1977.
- Eurocephalus rueppellii* White-crowned Shrike: Kibwezi Apr.
- Prionops plumata* Helmet Shrike: Kibwezi Apr.
- Prionops retzii* Retz'a Helmet Shrike: Sokoke Forest Mar.
- Prionops scopifrons* Chestnut-fronted Helmet Shrike: Sokoke Forest Mar.
- Cosmopsarus regius* Golden-breasted Starling: Kibwezi young from eggs probably laid late Mar.
- Lamprotornis chalybaeus* Blue-eared Glossy Starling: Kiambu young from eggs probably laid Dec. Lake Nakuru NP Apr 1977.
- Lamprotornis corruscus* Black-breasted Glossy Starling: Shimoni young in hole 30 Dec.
- Lamprotornis purpuropterus* Rüppell's Long-tailed Glossy Starling: Kerio Valley Mar (2).
- Onychognathus morio* Red-winged Starling: near Arusha Oct.
- Onychognathus salvadorii* Bristle-crowned Starling: Lake Baringo Jun.
- Onychognathus tenuirostris* Slender-billed Chestnut-winged Starling: Aberdare NP Dec.
- Spreo superbus* Superb Starling: Kibwezi Apr. Nairobi area Mar, Oct, Nov. Naivasha Sep. Lake Nakuru NP Jan, Oct and young from eggs laid Dec 1978; also feeding fledged young 1 Jan and eggs Apr 1977.
- Buphagus erythrorhynchus* Red-billed Oxpecker: Lake Nakuru NP feeding just-fledged young 17 Feb 1977.
- Anthreptes collaris* Collared Sunbird: Kenya coast Mar, Aug (3), Nov (2). Nairobi area Mar (3), Jly, Sep. Thika Oct. Near Arusha Nov. Lake Nakuru NP Apr 1977.

- Anthreptes rectirostris* Green Sunbird: Kakamega Forest building 6 Aug 1978.
- Nectarinia amethystina* Amethyst Sunbird: Nairobi Mar (2). Naro Moru Dec.
- Nectarinia hunteri* Hunter's Sunbird: Lake Baringo Jun.
- Nectarinia kilimensis* Bronze Sunbird: Nairobi area Jan (2), Feb, Mar, Apr (2), May, Jun, Jly, Aug, Oct, Dec, and feeding fledgling *Chrysococcyx klaas* 21 Nov. Naro Moru Aug.
- Nectarinia mediocris* Eastern Double-collared Sunbird: near Nairobi Feb, Apr.
- Nectarinia olivacea* Olive Sunbird: Kenya coast Feb, May (2).
- Nectarinia pulchella* Beautiful Sunbird: Kerio Valley Apr (another pair building).
- Nectarinia senegalensis* Scarlet-chested Sunbird: Lake Nakuru Oct.
- Nectarinia venusta* Variable Sunbird: Nairobi area Mar, Apr (2), Sep.
- Zosterops poliogastra* Montane White-eye: near Nairobi Jan, Apr.
- Zosterops senegalensis* Yellow White-eye: near Kitale Nov.
- Euplectes hordeaceus* Black-winged Red Bishop: Kerio Valley Apr.
- Euplectes nigroventris* Zanzibar Red Bishop: Dar es Salaam May (2) 1975.
- Euplectes progne* Long-tailed Widowbird: Kamae (north of Limuru) Mar.
- Ploceus baglafaecht* Baglafaecht Weaver: Nairobi area Jan, Mar, May, Sep (2), Oct (2), and feeding fledged young *Chrysococcyx caprius* 26 Mar. Lake Nakuru NP Jun; also feeding fledged young *C. caprius* 18 Sep 1976 and Feb 1977.
- Ploceus bojeri* Golden Palm Weaver: near Mombasa Oct.
- Ploceus cucullatus* Black-headed Weaver: near Nairobi colony of 60+ nests eggs laid mainly Oct.
- Ploceus intermedius* Masked Weaver: near Olorgesailie c.20 nests possible first laying Feb, another colony of c.20 occupied nests Mar.
- Ploceus ocularis* Spectacled Weaver: Nairobi May. Naro Moru occupied nest 3 Aug. Mountain Lodge (Mt Kenya) occupied nest 8 Dec. Uluguru Mts (T) occupied nest Dec. Dar es Salaam Oct 1977.
- Ploceus spekei* Speke's Weaver: Nairobi area several small colonies with eggs and young Jan - Feb, fledged young being fed 10 Nov and feeding young in large colony 10 Dec. Narok occupied colony 3 Jun.
- Ploceus subaureus* Golden Weaver: Dar es Salaam occupied nests Oct 1975.
- Ploceus taeniopterus* Northern Masked Weaver: Lake Baringo 16 Jun building.
- Ploceus velatus* Vitelline Masked Weaver: west of Ngong Hills Feb - Mar (single nest and colony of 19 nests some occupied others still building).
- Ploceus xanthops* Holub's Golden Weaver: near Nairobi May, Oct.
- Plocepasser mahali* White-browed Sparrow Weaver: Lake Baringo and Lake Bogoria active colonies in May - Jun. Solai building 22 Oct.
- Pseudonigrita arnaudi* Grey-headed Social Weaver: Mara GR adults with fledged young 3 Jun.
- Pseudonigrita cabanisi* Black-capped Social Weaver: Tsavo West NP two colonies of c.25 nests 30 Jun (adults lining nests with feathers).
- Passer griseus* Grey-headed Sparrow: Nairobi area Feb, Apr, Oct - Dec (3). Busia feeding young in hole 18 Jly.

- Passer motitensis* Rufous Sparrow: Nairobi area Feb, Mar, Apr, Jun, Oct, Nov.
Kijabe Feb. Naro Moru occupied nest 28 Aug. Lake Nakuru NP Apr 1977.
- Hypochera chalybeata* Red-billed Firefinch Indigobird: Nairobi fledgling being fed by female *Lagonosticta senegala* 27 Apr.
- Lagonosticta senegala* Red-billed Firefinch: Nairobi Mar, and feeding young *Hypochera chalybeata* 27 Apr.
- Pytilia melba* Green-winged Pytilia: Olorgesailie Feb.
- Uraeginthus bengalus* Red-cheeked Cordon-bleu: Kerio Valley Apr.
- Lonchura cucullata* Bronze Mannikin: Nairobi Jan (3). Nandi Hills Aug 1978.
Dar es Salaam Jun 1975.
- Serinus burtoni* Thick-billed Seed-eater: North Nandi Forest feeding fledged young 3 Dec 1978.
- Serinus citrinelloides* African Citril: Kiambu Dec.
- Serinus striolatus* Streaky Seed-eater: Nairobi area Apr (2), Jun.

BIRD RINGING 1979

G.C. Backhurst

Ringling continued in all three East African countries, and in the Sudan, although very little was done in Uganda. In the ringling year July 1979 to June 1980 almost 26 000 birds were ringed, the highest total since ringling started in 1960. Of this total, 19 772 were Palaearctic migrants.

The pattern of ringling was much the same as in 1978 and a report covering the last three years will be published in the Society's *Journal* soon.

EAST AFRICAN ORNITHOLOGICAL STUDIES IN 1979

The following studies on birds, being undertaken in 1979, were made known to the Ornithological Sub-Committee. The studies are listed in no particular order and the list was compiled by D.A. Turner.

1. Vocalizations of barbets and woodpeckers. Dr L.L. Short and J.F.M. Horne.
2. Co-operative breeding in White-fronted Bee-eaters. Dr S.T. Emlen and team.
3. Feeding ecology of wood hoopoes. Dr J.D. Ligon and S.H. Ligon.
4. Ecology and behaviour of the Pied Kingfisher. Dr H-U. Reyer.
5. Comparison of bird densities of tropical woods and forest. Prof. H. Oelke.
6. Birds of semi-arid areas. Prof. D.E. Pomeroy.
7. Behaviour and ecology of Ostriches in Tsavo NP. Dr B. Bertram.
8. Joint Vienna Museum and National Museums of Kenya expedition to the North Nandi Forest, western Kenya, for collection of birds and small mammals.
9. Filming the courtship and breeding behaviour of the parasitic whydahs of Kenya. Prof. J. Nicolai and Dr R. Lammers.